

ABSTRACT OF THE DISCLOSURE

A method of forming fins for a double-gate fin field effect transistor (FinFET) includes forming a second layer of semi-conducting material over a first layer of semi-conducting material and forming double caps in the second layer of semi-conducting material. The method further includes forming spacers adjacent sides of each of the double caps and forming double fins in the first layer of semi-conducting material beneath the double caps. The method also includes thinning the double fins to produce narrow double fins.